

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number		10578385
Filing Date		2007-05-11
First Named Inventor	Joseph J. Barchi, Jr.	
Art Unit	1614 1643	
Examiner Name	Not Yet Assigned Alana M. Harris, Ph.D.	
Attorney Docket Number	NIHA-0278	

U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	5879715		1999-03-09	Hernandez, et al.	
	2	6361944	B1	2002-03-26	Mirkin, et al.	
	3	6530944	B2	2003-03-11	West, et al.	
	4	6602932	B2	2003-08-05	Feldheim, et al.	
	5	4853335		2989-08-01	Olsen, et al.	

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	1	20040052729	A1	2004-03-18	Penades, et al.	

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	2	20040018633	A1	2004-01-29	Foos, et al.	
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	1	200232404	WO	A3	2002-04-25	Consejo Superior De Investigaciones Cientificas		<input type="checkbox"/>
	2	2005046722	WO	A3	2005-05-26	The Government of the United States of America		<input type="checkbox"/>
	3	2471920	CN	A1	2004-06-28	Fraunhofer-Gesellschaft Zur Foerderung Der Angewan		<input type="checkbox"/>

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	1	SPRINGER, G.F., "Immunoreactive T and Tn epitopes in cancer diagnosis, prognosis, and immunotherapy," J. Mol. Med., 1997, 75, 594-602	<input type="checkbox"/>
	2	GLINKSY, V.V., ET AL., "The role of Thomsen-Friedenreich antigen in adhesion of human breast and prostate cancer cells to the endothelium," Cancer Res., 2001, 61(12), 4851-4857	<input type="checkbox"/>
	3	HAKOMORI, "Aberrant glycosylation in tumors and tumor-associated carbohydrate antigens," Adv. Cancer Res., 1989, 52, 257-331	<input type="checkbox"/>

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4	SVAROVSKY, S.A., ET AL., "Highly efficient preparation of tumor antigen-containing glycopeptide building blocks from novel pentenyl glycosides," Carbohydr. Rs., 2003, 338, 1925-1935	<input type="checkbox"/>
5	BRUST, ET AL., "Synthesis of thiol-derivatized gold nanoparticles in a two-phase liquid-liquid system," J. Chem. Soc., Chem. Commun., 1994, 801-802	<input type="checkbox"/>
6	PALE-GROSDÉMANGE, C., ET AL., "Formation of self-assembled monolayers by chemisorption of derivatives of oligo (ethylene glycol) of structure HS(CH ₂) ₁₁ (OCH ₂ CH ₂)mOH on gold," J. Am. Chem. Soc., 1991, 113, 12-20	<input type="checkbox"/>
7	OTSUKA, H., ET AL., "Quantitative and reversible lectin-induced association of gold nanoparticles modified with α-Lactosyl_ J. Am. Chem. Soc., 2001, 123(34), 8226-8230	<input type="checkbox"/>
8	BARCHI, J.J., JR., ET AL., "Synthesis and properties of carbohydrate- and glycopeptide-bearing nanoparticles," 226th Am. Chem. Soc., National Meeting, NY, Abstracts of Papers, 2003, Part 1, ISSN: 0065-7727, page 40	<input type="checkbox"/>
9	GLINSKY, V.V., ET AL., "Intravascular metastatic cancer cell homotypic aggregation at the sites of primary attachment to the endothelium," Cancer Res., 2003, 63(13), 3805-3811	<input type="checkbox"/>
10	KHALDOYANIDI, S.K., ET AL., 'MDA-MB-435 human breast carcinoma cell homo- and heterotypic adhesion under flow conditions is mediated in part by Thomsen-Friedenreich antigen-galectin-3 interactions," 2003, 278(6), 4127-4134	<input type="checkbox"/>
11	RAGUPATHI G., ET AL., "Vaccines prepared with sialyl-Tn and sialyl-Tn trimers using the 4-(4-maleimidomethyl) cyclohexane-1-carboxy 1 hydrazide linker group result in optimal antibody titers against ovine submaxillary mucin and sialyl-Tn-positive tumor cells," Cancer Immunology Immunotherapy, 1999, 48(1), 1-8	<input type="checkbox"/>
12	LLOYD, K.O., "Carbohydrate vaccines for the immunotherapy of cancer," Drug News and Perspectives, 2000, 13(8), 463-470	<input type="checkbox"/>
13	SVAROVSKY, S.A., ET AL., "Synthesis of gold nanoparticles bearing the Thomsen-Friedenreich disaccharide: a new multivalent presentation of an important tumor antigen," Tetrahedron: Asymmetry, Pergamon, Oxford, GB, 2005, 16(2), 587-598	<input type="checkbox"/>
14	GAO, X., ET AL., "In vivo cancer targeting and imaging with semiconductor quantum dots," Nature Biotechnology, 2004, 22(8), 969-976	<input type="checkbox"/>

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15	JAIN, R.K., ET AL. "Zooming in and out with quantum dots," Nature Biotechnology, 2004, 22(8), 959-960	<input type="checkbox"/>
16	American Chemical Society Division of Carbohydrate Chemistry, Newsletter, 2003, 1-17	<input type="checkbox"/>
17	BAEK, M.-G., ET AL. "Synthesis and antibody binding properties of glycodendrimers bearing the tumor related T-antigen," Chem. Commun., 2001, 257-258	<input type="checkbox"/>
18	FREIRE, T., ET AL., "Biochemical characterization of soluble Tn glycoproteins from malignant effusions of patients with carcinomas," Oncology Reports, 2003, 10, 1577-1585	<input type="checkbox"/>
19	GLINSKII, O.V., ET AL., "Evidence of porcine and human endothelium activation by cancer-associated carbohydrates expressed on glycoproteins and tumour cells," J. Physiol., 2003, 554.1, 89-99	<input type="checkbox"/>

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Examiner Signature	/Alana M. Harris, Ph.D./	Date Considered	29 July 2010
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